

# PATENT ABSTRACTS OF JAPAN

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## (54) IMAGE PROCESSOR AND COPYING MACHINE USING THE SAME

### (57)Abstract:

**PURPOSE:** To obtain a high recognition rate without overlooking even in a one- time scanning system copying machine, etc., by taking notice of a specified pattern in a part of a copy inhibition object regardless of the whole size of the object, etc., and executing detection by means of whether or not the specified pattern exists.

**CONSTITUTION:** Image information read by the image sensor of a copying machine is inputted to a specified pattern detecting means 1. The detecting means 1 checks whether or not a candidate pattern which is considered as the time constant pattern of a detection object exists in the area of a blurred image which is formed by compressing inputted image data by pattern matching. When the applying candidate is detected, the data is transmitted to a specified pattern segmenting means 2. A reference position is detected and also a comparison pattern is generated. A specified pattern matching means 3 obtains an adaptability degree for the reference pattern of the comparison pattern by fuzzy pattern matching and outputs a prescribed control signal.



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